

<!--StartFragment-->RESULT 3

AAU84985

ID AAU84985 standard; peptide; 30 AA.

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AC AAU84985;

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DT 08-MAY-2002 (first entry)

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DE Human MUC1F segment 7.

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KW Savine; vaccine; cancer; viral infection; HIV; hepatitis C virus;

KW viral infection; human immunodeficiency virus; melanoma;

KW bacterial infection; Salmonella; Legionella; parasitic infection;

KW Trypanosoma; Toxoplasma; Giardia.

XX

OS Homo sapiens.

XX

PN WO200190197-A1.

XX

PD 29-NOV-2001.

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PF 25-MAY-2001; 2001WO-AU000622.

XX

PR 26-MAY-2000; 2000AU-00007761.

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PA (AUSU ) UNIV AUSTRALIAN NAT.

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PI Thomson SA, Ramshaw IA;

XX

DR WPI; 2002-147575/19.

DR N-PSDB; ABK36805.

XX

PT New synthetic polypeptides having several different segments of at least

PT one parent polypeptide linked together differently compared to the

PT linkage in the parent polypeptide, for inducing immune response against a

PT pathogen or cancer.

XX

PS Example 3; Fig 27; 364pp; English.

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CC The invention relates to a new synthetic polypeptide (I) comprising  
 CC several different segments of at least one parent polypeptide linked  
 CC together in a different relationship relative to their linkage in the  
 CC parent polypeptide to impede, abrogate or otherwise alter at least one  
 CC function associated with the parent polypeptide and for inducing an  
 CC immune response against a pathogen or cancer. Also included are a  
 CC synthetic polynucleotide encoding and a computer system for designing the  
 CC synthetic polypeptides. The synthetic polypeptides and polynucleotides  
 CC are referred to as a Savine. The synthetic polypeptide is useful for  
 CC modulating immune responses preferably directed against a pathogen or a  
 CC cancer, (e.g., cancers of the lung, breast, ovary, cervix, colon, head  
 CC and neck, pancreas, prostate, stomach, bladder, kidney, bone liver,  
 CC oesophagus, brain, testicle, uterus), as potentiating agents.  
 CC Compositions comprising the polypeptide may be used in the treatment or  
 CC prophylaxis against viral (such as infections caused by HIV (human  
 CC immunodeficiency virus), hepatitis, influenza, Japanese encephalitis  
 CC virus, Epstein-Barr virus and respiratory syncytial virus), bacterial  
 CC (e.g., infections caused by Neisseria, Meningococcal, Haemophilus,  
 CC Salmonella, Streptococcal, Legionella and Mycobacterium or parasitic  
 CC (e.g., infections caused by Plasmodium, Schistosoma, Leishmania,  
 CC Trypanosoma, Toxoplasma and Giardia) infections. The present sequence is  
 CC a peptide derived from a parent protein used to construct a savine of the

CC invention  
 XX  
 SQ Sequence 30 AA;

Query Match 100.0%; Score 10; DB 1; Length 30;  
 Best Local Similarity 100.0%; Pred. No. 0.00033;  
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATWGQDVTSV 10  
 |||||  
 Db 4 ATWGQDVTSV 13  
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